INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/28815

			PC1/U303/28813		
A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : C25B 9/00; C25F 1/461					
US CL : 204/257; 205/746, 748, 753					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 204/252-258; 205/746, 748, 753					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Clearante data have accompled during the international course (some of data have and where programme exactly terms used)					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST: dilute near10 concentrat\$2 near cell; ion adj exchange adj resin; and bead;					
EAST. under hear to concentrate a hear con, ton adjusteniange adjustenin, and ocad,					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.				
Y	US 5,116,509 A (WHITE) 26 May 1992 (26.09.1992), column 3-4, column 5, lines 15-33; 1-5, 11-16, 21-25				
	column 7, lines 15-65 and column 8.				
Y	US 4,931,160 A (GUIFFRIDA et al) 05 June 1990 (05.06.1990), column 3, lines 1-40; 1-5, 11-16, 21-25.				
	column 4, lines 1-40; column 6, lines 15-50.				
				1	
			,		
				1	
				. J	
			į		
	,		ì		
Further documents are listed in the continuation of Box C. See patent family annex.					
	_	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the			
"A" document	defining the general state of the art which is not considered to be		or theory underlying the inver		
,	of particular relevance		"X" document of particular relevance; the claim		
"E" carlier app	plication or patent published on or after the international filing date	considered	novel or cannot be consider	ed to involve an inventive step	
"L" document	which may throw doubts on priority claim(s) or which is cited to	when the document is taken alone		1	
establish the publication date of another citation or other special reason (as		"Y" document	f particular relevance; the claimed invention cannot be		
specified)		considered	to involve an inventive step	when the document is	
"O" document	referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such combination being obvious to a person skilled in the art			
"P" document published prior to the international filing date but later than the		"&" document member of the same patent family			
priority date claimed					
Date of the ac	Date of the actual completion of the international search Date of mailing of the international search report				
		NO FEB SABE			
	04 (13.01.2004)	09 FEB 2004			
Name and mailing address of the ISA/US		Authorized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Donald R. Valentine Della Just			
P.O. Box 1450		Por			
Alexandria, Virginia 22313-1450		Telephone No. 571-272-1222			
Facsimile No.	(703) 305-3230			1	

Form PCT/ISA/210 (second sheet) (July 1998)